

## Textbook Alignment to the Utah Core – Kindergarten Mathematics

*This alignment has been completed using an “Independent Alignment Vendor” from the USOE approved list  
([www.schools.utah.gov/curr/imc/indvendor.html](http://www.schools.utah.gov/curr/imc/indvendor.html).) Yes ☒ No ☐*

Name of Company and Individual Conducting Alignment: Standard Media Services, LLC: David A. Johnson

A “Credential Sheet” has been completed on the above company/evaluator and is (Please check one of the following):

☒ On record with the USOE.

☐ The “Credential Sheet” is attached to this alignment.

Instructional Materials Evaluation Criteria (name/grade of the core document used to align): **Kindergarten Mathematics Core Curriculum**

Title: Houghton Mifflin Math ©2007: Grade K ISBN#: 0-618-59090-0

Publisher: Houghton Mifflin Company

Overall percentage of coverage in the *Student Edition (SE) and Teacher Edition (TE)* of the Utah State Core Curriculum: 98 %

Overall percentage of coverage in *ancillary materials* of the Utah Core Curriculum: \_\_\_\_\_ %

**STANDARD I: Students will understand simple number concepts and relationships.**

Percentage of coverage in the <i>student and teacher edition</i> for Standard I: <u>100</u> %	Percentage of coverage not in student or teacher edition, but covered in the <i>ancillary material</i> for Standard I: _____ %		
<b>OBJECTIVES &amp; INDICATORS</b>	<b>Coverage in <i>Student Edition (SE) and Teacher Edition (TE)</i> (pg #'s, etc.)</b>	<b>Coverage in <i>Ancillary Material</i> (titles, pg #'s, etc.)</b>	<b><i>Not covered in TE, SE or ancillaries</i> ✓</b>
<b>Objective 1.1: Identify and use whole numbers up to 30.</b>			

a.	Represent whole numbers using concrete, pictorial, and symbolic representations.	SE/TE: 43, 47-48, 49-50, 51-52, 53-54, 55-56, 57-58, 63-64, 123-124, 125-126, 127-128, 129-130, 131-132, 133-134, 137-138, 139-140, 150, 161, 281, 283, 284, 285-286, 287-288, 289-290, 291-292, 293-294, 295-296, 297-298, 299-300, 305-306, 307-308, 309-310, 313-314 Math Take-Home Book: All Dressed Up; Bear's Beach Party TE: 121, T43-T44; 281B-281C; 281, T48; 308A-308D	
b.	Order a set of up to ten objects and use ordinal numbers from first to tenth to identify the position of the object in the chosen order.	SE/TE: 61-62, 147-148, 149-150, 161, 284, 295-296, 301-302, 305-306, 307-308, 309-310 Math Take-Home Book: Pitter, Patter Raindrops TE: 121, T43-T44; 161C; 161, T45; 287A, 281B-281C	
c.	Use one-to-one correspondence when counting a set of objects and develop a strategy for keeping track of counted and uncounted objects.	SE/TE: 45-46, 47-48, 49-50, 51-52, 53-54, 67-68, 69-70, 79-80, 143-144, 151-152, 184, 281, 283 Math Take-Home Book: All Dressed Up; What's in Ben's Sandbox?; Follow the Tracks TE: 161C, 281B-281C; 281, T48	
<b>Objective 1.2: Identify and use simple relationships among whole numbers up to 30.</b>			
a.	Estimate quantities in a set of objects using multiples of 10 as benchmark numbers.	SE/TE: 285-286, 298-300, 299-300, 301-302, 303-304, 305-306, 307-308 Math Take-Home Book: Pitter, Patter Raindrops TE: 152D, ten as a benchmark number—285A-286, 287A-287B,	Workmat 5, 7; Double Ten-Frame Transparency;

		287, 289A-289B, 289, 291A-291B; estimate quantities—298A-298D, 299A-299B,		
<b>b.</b>	Compose and decompose quantities to establish a relationship between the parts and the whole.	SE/TE: 125-126, 145-146, 150, 153-154, 241-242, 243-244, 245-246, 247-248, 249-250, 251-252, 253-254, 255-256, 257-258, 259-260, 261-262, 263-264, 265-266, 267-268, 269-270, 275-276, 271-272, 273-274, 313-314 TE: 125A-126, 145-146, 153A, 253A-253B, 257A-257, 262A, 269A, 271A, 272A-272D, 285A, 289A	Workmat 7	
<b>c.</b>	Recognize 5 or 10 as a part of the part-whole relationship of numbers.	SE/TE: 255 TE: 145-146, 253A, 257A, 262A, 269A, 272A	Workmat 7	
<b>d.</b>	Compare sets of objects and determine whether they have the same, fewer, or more objects.	SE/TE: 44, 45-46, 65, 67-68, 69-70, 75-76, 77-78, 122, 151-152, 299-300, 301-302 Math Take-Home Book: What's in Ben's Sandbox?; Pitter, Patter Raindrops TE: 121, T43-T44; 152C-152D, 185B, 289A, 298A, 299A-299B		
<b>Objective 1.3: Model, describe, and illustrate meanings of addition and subtraction for whole numbers less than ten.</b>				
<b>a.</b>	Demonstrate the joining and separating of sets of objects to solve problems.	SE/TE: 241-242, 243-244, 245-246, 247-248, 249-250, 251-252, 253-254, 255-256, 257-258, 259-260, 261-262, 263-264, 265-266, 267-268, 269-270, 275-276, 271-272, 273-274, 313-314 Math Take-Home Book: Feeding		

		Time at the Zoo; Away They Go! TE: 241B-241C, 241/T47, 244A-244D, 262A-262D, 272A-272D,		
<b>b.</b>	Describe the joining or separating of sets with informal language when using models.	SE: 242, 243-244, 245-246, 247-248, 249-250, 251-252, 253-254, 255-256, 257-258, 259-260, 261-262, 263-264, 265-266, 267-268, 269-270, 275-276, 271-272, 273-274, 313-314 Math Take-Home Book: Feeding Time at the Zoo; Away They Go! TE: 241B, 241/T47, 244A-244D, 245A-246, 247A-248, 249A-250, 251A-252, 253A-254, 262A-262D, 272A-272D,		
<b>c.</b>	Record pictorially the results from joining or separating of sets.	SE/TE: 257-258, 260, 267-268, 269-270, 271-272, 275 TE 244D, 257A-258		
<b>STANDARD II: Students will sort and classify objects as well as recognize and create simple patterns.</b>				
<b>Percentage of coverage in the <i>student and teacher edition</i> for Standard II: <u>100</u> %</b>		<b>Percentage of coverage not in student or teacher edition, but covered in the <i>ancillary material</i> for Standard II: _____%</b>		
<b>OBJECTIVES &amp; INDICATORS</b>		<b>Coverage in <i>Student Edition (SE)</i> and <i>Teacher Edition (TE)</i> (pg #'s, etc.)</b>	<b>Coverage in <i>Ancillary Material</i> (titles, pg #'s, etc.)</b>	<b><i>Not covered in TE, SE or ancillaries</i> ✓</b>
<b>Objective 2.1: Identify, sort, and classify objects according to common attributes.</b>				
<b>a.</b>	Sort objects into groups by attribute and identify which attribute was used.	SE/TE: 1, 19-20, 21-22, 23-24, 25-26, 27-28, 29-30, 31-32, 33-34, 35-36, 167-168, 184 Math Take-Home Book: Show and Tell; Counting Sea Treasures; What's in Ben's Sandbox?; Pitter,		

		Patter Raindrops TE: 1C, 121B-121C, 184A-184D, 191C, 281B-281C, 281, T48;		
<b>b.</b>	Describe multiple ways to sort and classify a group of objects.	SE/TE: 19-20, 21-22, 23-24, 25-26, 27-28, 29-30, 31-32, 33-34, 35-36, 167-168, 184 Math Take-Home Book: Show and Tell; What's in Ben's Sandbox?; Pitter, Patter Raindrops TE: 1C, 121B-121C, 184A-184D		
<b>Objective 2.2: Identify, duplicate, describe, and extend simple repeating and growing patterns.</b>				
<b>a.</b>	Identify and describe simple repeating patterns with numbers and shapes.	SE/TE: 1-2, 11-12, 13-14, 89-90, 135-136, 174, 250, 262, 313-314 TE: 149, 245		
<b>b.</b>	Duplicate and extend simple repeating patterns with numbers and shapes.	SE/TE: 1-2, 11-12, 13-14, 89-90, 135-136, 174, 250, 262, 313-314 TE: 121B, 149, 245		
<b>c.</b>	Describe simple growing patterns with shapes.	SE/TE: 135		
<b>d.</b>	Identify simple patterns in the environment.	SE/TE: 12 TE: 1B		
<b>STANDARD III: Students will understand basic geometry and measurement concepts as well as collect and organize data.</b>				
<b>Percentage of coverage in the <i>student and teacher edition</i> for Standard III: <u>95</u> %</b>		<b>Percentage of coverage not in student or teacher edition, but covered in the <i>ancillary material</i> for Standard III: _____%</b>		
<b>OBJECTIVES &amp; INDICATORS</b>		<b>Coverage in <i>Student Edition</i>(SE) and <i>Teacher Edition</i> (TE) (pg #'s, etc.)</b>	<b>Coverage in <i>Ancillary Material</i> (titles, pg #'s, etc.)</b>	<b><i>Not covered in TE, SE or ancillaries</i> ✓</b>
<b>Objective 3.1: Identify and create simple geometric shapes and describe simple spatial relationships.</b>				
<b>a.</b>	Identify, name, describe, and draw circles, triangles, rectangles, and squares in various sizes and orientations.	SE/TE: 27-28, 82, 83, 85-86, 87-88, 90, 102, 109		

		Math Take-Home Book: Neighborhood Fair Today		
<b>b.</b>	Combine shapes to create two-dimensional objects (e.g., using a triangle and square to create a picture of a house).	*See related content— SE/TE: 86, 88, 111-112 TE: 87A		
<b>c.</b>	Use words to describe position and distance.	SE/TE: 1, 5-6, 7-8, 9-10 Math Take-Home Book: Lunch Bunch TE: 1C, 5A-6, 7A-7B, 9A-10, 10A- 10D, 10E-10H, 149A-149B	Lesson Transparency 5.1: Problem of the Day (inside, outside); Lesson Transparency 5.2: Problem of the Day (inside, outside)	
<b>d.</b>	Investigate two- and three-dimensional shapes including hexagons, trapezoids, spheres, cubes, and cones.	SE/TE: 27-28, 82, 83, 85-86, 87-88, 90, 102, 103-104, 105-106, 107-108, 109-110, 115-116 Math Take-Home Book: I See Shapes!; Shape Hunt with Patches TE: 81B		
<b>Objective 3.2:</b> Identify and use measurable attributes of objects and units of measurement.				
<b>a.</b>	Identify clocks and calendars as tools that measure time.	SE/TE: 128, 142, 162, 164, 169-170, 175-176, 177-178, 179-180, 181, 309-310 Math Take-Home Book: Polly Piglet's Day TE: 169A-169B, 201C, 281B-281C; see also "Daily Routines: Calendar" for each lesson.		
<b>b.</b>	Identify a day, week, and month on a calendar and name the days of the week in order.	SE/TE: 142, 162, 164, 169-170, 181, 309-310 TE: 166A-166D, 167B, 169A-169B, 281B-281C, 309A-310; see also "Daily Routines: Calendar" for each lesson.		
<b>c.</b>	Identify pennies, nickels, dimes, and quarters as units of money.	SE/TE: 162, 184, 185-186, 187-188, 189-190, 191-192, 195-196, 297-298 Math Take-Home Book: Sam's		

		Coins TE: 161B-161C		
<b>d.</b>	Compare two objects by measurable attributes (i.e., length, weight) and order several objects by measurable attributes (i.e., length, weight).	SE/TE: 201, 202, 203-204, 205-206, 207-208, 215-216, 217-218, 219-220, 221-222, 225-226, 227-228, 233-234, 235-236 Math Take-Home Book: Cali, Sal, and Andy's Garden Adventure; Gardening Pals TE: 201B, 201, T46; 221A-221B, 233A-233B		
<b>Objective 3.3: Collect and organize simple data.</b>				
<b>a.</b>	Pose questions and gather data about self and surroundings.	SE/TE: 66, 71-72, 73-74, 79, 99-100, 113-114, 164, 184 TE: 98A-98C, 99A-100, 113B; see also "Connections" for each lesson, especially Science Connections: 5B, 13B, 18, 27B, 64, 73B, 91B, 98B, 108B, 133B, 142, 149B, 167B, 177B, 184D, 205B		
<b>b.</b>	Organize data obtained from sorting and classifying objects.	SE/TE: 19-20, 21-22, 23-24, 25-26, 27-28, 29-30, 31-32, 33-34, 35-36, 39, 66, 71-72, 73-74, 75-76, 79, 99-100, 104-106, 107-108, 109-110, 113-114, 115, 164, 184, 218 Math Take-Home Book: Show and Tell TE: 184A-184D		